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OM protein - protein search, using sw model

Run on: August 11, 2004, 14:49:30 ; Search time 14.375 Seconds

Sequence: (without alignments) 826.016 Million cell updates/sec

Title: US-10-029-630-4

Perfect Score: 1203 MEGQRMLPLEANPEVNQFL..... KFMERDPDELRFNALISAA 230

Scoring table: BLOSUM62 Gapop 10.0 , Gapext 0.5

389414 seqs, 51625971 residues

Searched: Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100% listing first 45 summaries

Database : Issued Patents All:\*

1: /cg92\_6/podata/2/1aa/5A\_COMP.pep/\*  
2: /cg92\_6/podata/2/1aa/5B\_COMP.pep/\*  
3: /cg92\_6/podata/2/1aa/6A\_COMP.pep/\*  
4: /cg92\_6/podata/2/1aa/6B\_COMP.pep/\*  
5: /cg92\_6/podata/2/1aa/PCTUS\_COMP.pep/\*  
6: /cg92\_6/podata/2/1aa/hackfile1.pep/\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	1203	100.0	230	4 US-09-230-196-18 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
2	1203	100.0	230	4 US-09-230-196-23 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
3	663.5	55.2	223	4 US-09-230-196-17 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
4	663.5	55.2	223	4 US-09-230-196-24 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
5	632.5	52.6	212	4 US-09-702-705-1820 Sequence 18, Appl Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
6	632.5	52.6	212	4 US-09-736-457-1820 Sequence 18, Appl Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
7	632.5	52.6	212	4 US-09-671-31820 Sequence 18, Appl Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
8	585.5	48.7	227	4 US-09-230-196-21 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
9	585.5	48.7	227	4 US-09-230-196-21 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
10	319	25.7	236	4 US-09-230-196-22 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
11	210	17.5	247	4 US-09-230-196-16 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
12	190	15.8	326	4 US-09-230-196-20 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
13	95	7.9	729	4 US-09-230-196-2 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
14	95	7.9	928	2 US-09-841-483-4 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
15	95	7.9	928	3 US-09-382-911-4 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
16	95	7.9	1117	2 US-09-841-483-6 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
17	89	7.4	801	4 US-09-252-919-1A-18228 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
18	84.5	7.0	453	4 US-09-561-9 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
19	82.5	6.9	892	4 US-09-543-681A-8314 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
20	82	6.8	888	3 US-09-268-140-4 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
21	82	6.8	904	4 US-09-543-681A-6943 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
22	81.5	6.8	573	4 US-09-134-000C-5258 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
23	81	6.7	294	4 US-09-252-919-1A-27242 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
24	81	6.7	645	2 US-09-593-126-144 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
25	81	6.7	645	2 US-08-87-080-47 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
26	81	6.7	645	4 US-09-168-595-144 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App
27	81	6.7	1312	2 US-09-593-126-148 Sequence 18, Appl Sequence 23, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1820, Ap Sequence 1820, AP Sequence 1820, AP Sequence 21, Appl Sequence 22, Appl Sequence 16, Appl Sequence 20, Appl Sequence 2, Appl Sequence 4, Appl Sequence 4, Appl Sequence 6, Appl Sequence 6, Appl Sequence 1828, A Sequence 9, Appl Sequence 8314, Ap Sequence 4, Appl Sequence 6943, Ap Sequence 5258, Ap Sequence 27242, A Sequence 47, Appl Sequence 144, App Sequence 144, App Sequence 148, App

### ALIGNMENTS

RESULT 1  
US-09-230-196-18  
Sequence 18, Application US/09230196  
; Patent No. 6307035  
; GENERAL INFORMATION:  
; APPLICANT: Rauscher III, Frank J.  
; TITLE OF INVENTION: BRCAL Associated Protein (BAP-1) and  
; TITLE OF INVENTION: Uses Therefor  
; NUMBER OF SEQUENCES: 47  
; CORRESPONDENCE ADDRESS:  
; STREET: Hanson and Howson  
; CITY: Spring House  
; STATE: Pennsylvania  
; COUNTRY: U.S.A.  
; ZIP: 19477  
; COMPUTER READABLE FORM:  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; FILING DATE:  
; CLASSIFICATION:  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US 60/022,997  
; FILING DATE: 02-AUG-1996  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US 60/038,109  
; FILING DATE: 19-FEB-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bak, Mary E.  
; REGISTRATION NUMBER: 31.215  
; REFERENCE/DOCKET NUMBER: WST68BUS  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-540-9200  
; FAX: 215-540-5818  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 230 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: unknown  
; MOLECULE TYPE: protein  
; US-09-230-196-18

Query Match 100.0%; score 1203; DB 4; Length 230;  
Best Local Similarity 100.0%; Pred. No. 6.3e-126;

Matches 230; conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 MEGORMLPLEANPENTNQFLKOLGLHPPNQFVDVYGMDELLSMVPRPCAVILLFPIIE 60  
 Db 1 MEGORMLPLEANPENTNQFLKOLGLHPPNQFVDVYGMDELLSMVPRPCAVILLFPIIE 60  
 Qy 61 KYEVRTEBEKKIKSOGDVTSVYFKQTISNACGIGLTHAIAANKDKOHFFESGSTK 120  
 Db 61 KYEVRTEBEKKIKSOGDVTSVYFKQTISNACGIGLTHAIAANKDKOHFFESGSTK 120  
 Qy 61 KYEVRTEBEKKIKSOGDVTSVYFKQTISNACGIGLTHAIAANKDKOHFFESGSTK 120  
 Db 121 KFLERSVMSPEERARYENYDAIRVHTHETSAHEGOTEARSIDEKVDTHTALVADGH 180  
 Qy 121 KFLERSVMSPEERARYENYDAIRVHTHETSAHEGOTEARSIDEKVDTHTALVADGH 180  
 Db 121 KFLERSVMSPEERARYENYDAIRVHTHETSAHEGOTEARSIDEKVDTHTALVADGH 180  
 Qy 181 YELDRKPKPPINGETSETLDAIEVKKKMERDPDELFNATSA 230  
 Db 181 YELDRKPKPPINGETSETLDAIEVKKKMERDPDELFNATSA 230  
 181 YELDRKPKPPINGETSETLDAIEVKKKMERDPDELFNATSA 230  
 RESULT 2 US-09-230-196-23  
 ; Sequence 23, Application US/09230196  
 ; Patent No. 630705  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rauscher III, Frank J.  
 ; TITLE OF INVENTION: BRCA1 Associated Protein (BAP-1) and  
 ; TITLE OF INVENTION: Uses Therefor  
 ; NUMBER OF SEQUENCES: 47  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Howson and Howson  
 ; STREET: Spring House Corporate Cntr., PO Box 457  
 ; CITY: Spring House  
 ; STATE: Pennsylvania  
 ; COUNTRY: U.S.A.  
 ; ZIP: 19477  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/230,196  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER: US 60/022,997  
 ; FILING DATE: 02-AUG-1995  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Bak, Mary E.  
 ; REGISTRATION NUMBER: 31,215  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 215-540-9200  
 ; TELEFAX: 215-540-5818  
 ; INFORMATION FOR SEQ ID NO: 23:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 230 amino acids  
 ; STRANDEDNESS:  
 ; TYPE: amino acid  
 ; TOPOLOGY: unknown  
 ; MOLECULE TYPE: protein  
 ; US-09-230-196-17  
 ; INFORMATION FOR SEQ ID NO: 17:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 223 amino acids  
 ; STRANDEDNESS:  
 ; TYPE: amino acid  
 ; TOPOLOGY: unknown  
 ; MOLECULE TYPE: protein  
 ; US-09-230-196-17  
 ; Query Match 55.2%; Score 63.5; DB 4; Length 223;  
 ; Best Local Similarity 55.2%; Pred. No. 8.8e-66;  
 ; Matches 123; Conservative 45; Mismatches 50; Indels 5; Gaps 2;  
 Qy 8 PLENANPENTNQFLKOLGLHPPNQFVDVYGMDELLSMVPRPCAVILLFPIIE 67  
 Db 5 PLENANPENTNQFLKOLGLHPPNQFVDVYGMDELLSMVPRPCAVILLFPIIE 67  
 Qy 68 EERBKIKSOGDVTSVYFKQTISNACGIGLTHAIAANKDKOHFFESGSTK 127  
 Db 68 EERBKIKSOGDVTSVYFKQTISNACGIGLTHAIAANKDKOHFFESGSTK 127  
 Qy 100.0%; Score 1203; DB 4; Length 230;  
 Best Local Similarity 100.0%; Pred. No. 6.3e-126;  
 Matches 230; Conservative 0; Mismatches 0; Indels 0; Gaps 0;